

# LOW PROFILE SPORTS FLOOR LP22



## INSTALLATIONS INSTRUCTIONS:

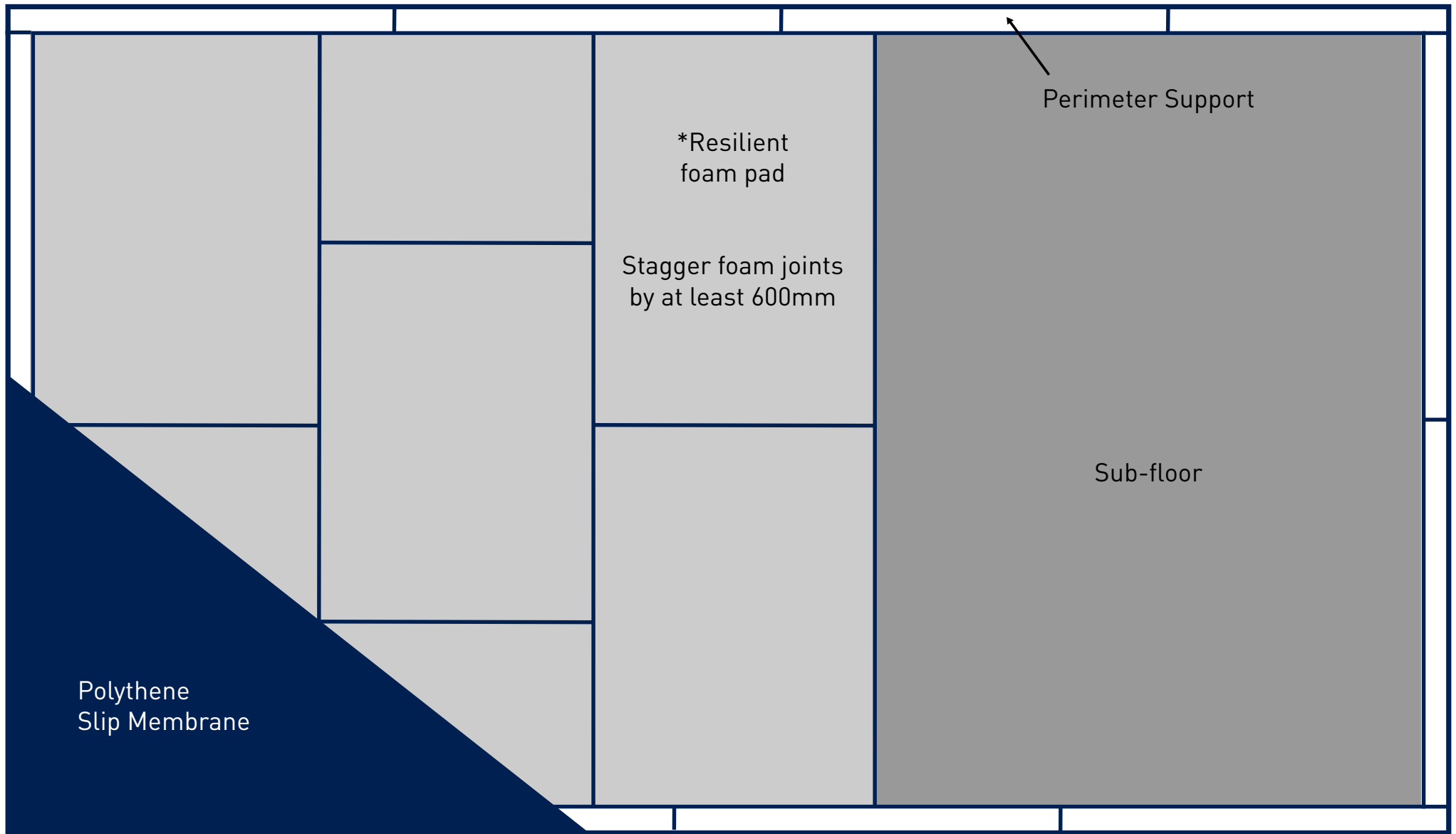
System Components (System Height 22mm):

1. 12mm x 1220mm x 2440mm Birch Plywood Sports Platform
2. Polythene Slip Membrane
3. 10mm x 1500mm x 2000mm Recycled Foam Resilient Sports Pad
4. 10mm x 100mm Perimeter Support Strips
5. Joint Adhesive + Joint Filler

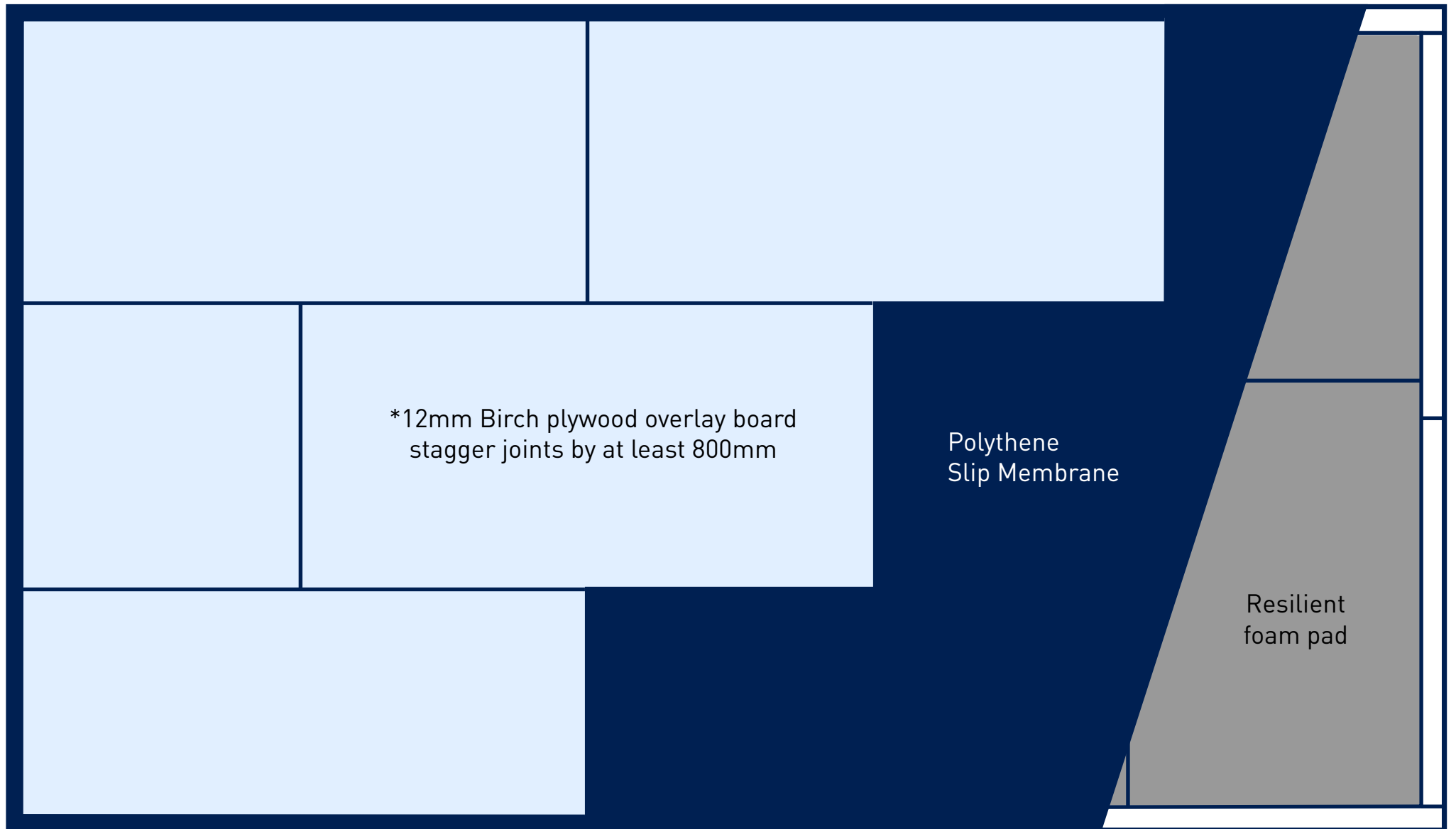
The following instructions are issued as an aid to the correct installation procedures. All installation and working practices should be in accordance with relevant Codes of Practice, current British Standards and HSE Regulations applicable to the construction industry.

## SITE PREPARATION:

- The low profile system must be installed on a flat & smooth sub-floor
- Ensure that all materials are unpacked and left in the area to be laid for a minimum 24 hours prior to installation.  
This is to allow for acclimatisation to ambient conditions and humidity levels which should be maintained to match future "in-use" conditions.
- Building to be dry and weatherproof
- Building to be dry and waterproof
- All flooring materials to be stored in safe dry conditions
- Included adhesives should not be subjected to temperatures of less than 5°C
- SUB-FLOOR RECEIVING LOW PROFILE SYSTEM MUST BE:
  - Hard & Dry
  - Flat & Smooth (see points to note)
  - Free of all debris



\*Set out the foam pads so that all joints will be staggered with the plywood boards when installed.



\*Ensure that all plywood board joints are staggered to the foam pad joints below.  
Always leave a 25mm expansion gap between the plywood and the wall around the perimeter edge of the floor.

## POINTS TO NOTE:

### SUB-FLOOR TOLERANCE:

The low profile system is designed to be installed on a level sub-floor with a floor tolerance of no more than 3mm over a 2m measured distance (SR1 BS8204-1:2003).

### MEMBRANE (IF REQUIRED):

A membrane, such as 1200 gauge polythene sheeting, should be installed over all ground floor slabs and new concrete bases above ground level where the moisture levels are above 75% RH. Joints must be lapped a minimum of 150mm and should be taped and sealed with waterproof adhesive tape, with edges upturned to the same height as the plywood overlay boards at all perimeter walls.

### ABNORMAL LOADING:

If the low profile system is to be subjected to abnormal loading, it may require additional support please contact Gerflor Technical Department for advice.

### SPORTS EQUIPMENT SOCKETS:

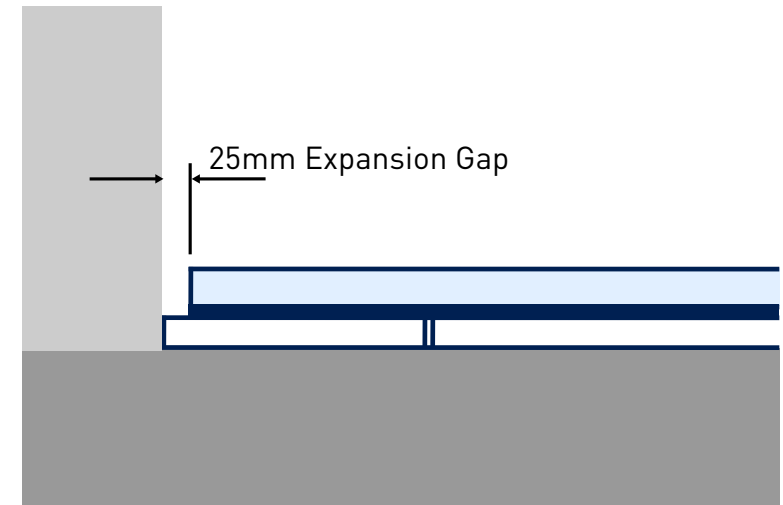
Equipment sockets can be provided to suit the low profile floor system.

### FLOOR COVERINGS:

When installing sports vinyl floor coverings, a careful check should be made prior to installation to establish if there are any surface imperfections that need treatment or sanding. Use the provided joint filler on all plywood joints and lightly sand once the filler has cured. These processes are critical to prevent imperfections grinning through to the playing surface and are particularly important when installing a 2mm sports vinyl.

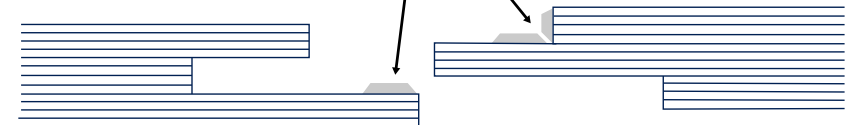
### ADHESIVES:

The installing contractor is responsible for ensuring adhesion compatibility between the overlay boards and the specified sports surface.



Before installation check that plywood joints are facing the correct way up

Adhesive Application



**12mm Birch Plywood Joint Detail**